

PLUS 7/22/04

Butler, Douglas

From: PLUS
Sent: Friday, July 09, 2004 10:00 AM
To: Butler, Douglas
Subject: PLUS Results for 10672808

Here are the PLUS search results for 10672808.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10672808_QUAL.txt



10672808_LIST.txt



10672808_WEST.txt



10672808_EAST.txt



10672808.east



10672808_CLS.txt



10672808_CLSTITLES.1

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10672808_WDS.txt

PLUS Search Results for S/N 10672808, Searched July 09, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4550815	4276964	4807726
6040665	4280594	4858728
5532988	4284176	4867284
4621713	4289217	4969540
4842102	4288899	4977987
6270172	4290508	5000294
6425643	4290256	5182061
5366280	4296844	5211124
4543077	4299311	5219047
5655995	4301895	5269053
5714946	4305484	5307673
5975656	4311216	5373919
6129184	4313527	5431257
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5372221	4342382	5480008
5685193	4343382	5486012
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4896016	4376396	5529150
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4306636	4382492	5535858
4428463	4395006	5538105
5226510	4398622	5551536
5601163	4445595	5560457
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4261443	4629037	5951117
4269290	4771869	5954163
4274513	4776439	5957246

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10672808_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10672808 on July 09, 2004

Original Classifications

13 188/73.38
12 188/71.8
10 188/71.9
6 188/73.32
4 188/1.11L
4 188/1.11W
4 188/18A
3 188/72.3
3 188/72.7
3 188/72.9
3 188/73.34
3 188/73.37
3 188/73.39
2 188/170
2 188/24.21
2 188/250B
2 188/264G
2 188/72.6
2 188/72.8
2 188/73.31
2 188/73.36
2 188/73.45
2 264/138

Cross-Reference Classifications

11 188/196P
10 188/250G
8 188/72.7
7 188/72.9
7 188/73.37
7 188/73.45
6 188/196BA
6 188/196D
6 188/72.3
6 188/73.38
5 188/72.6
5 303/20
5 340/454
4 188/1.11L
4 188/106F
4 188/158
4 188/71.1
4 188/71.8
4 188/71.9
4 188/72.4
4 188/73.39
4 188/73.43
4 188/73.47
3 188/1.11R
3 188/162
3 188/196M
3 188/196R
3 188/250B
3 188/370

3 188/71.7
3 188/72.8
3 188/73.1
3 188/73.32
2 29/266
2 74/424.71
2 74/574
2 188/196V
2 188/205A
2 188/218XL
2 188/234
2 188/250E
2 188/26
2 188/344
2 188/71.5
2 188/72.5
2 188/73.2
2 188/73.35
2 188/73.41
2 188/73.44
2 188/73.46
2 192/107R
2 192/111A
2 192/70.13
2 264/263
2 264/294
2 303/112
2 303/3
2 411/544

Combined Classifications

19 188/73.38
16 188/71.8
14 188/71.9
11 188/196P
11 188/72.7
10 188/250G
10 188/72.9
10 188/73.37
9 188/72.3
9 188/73.32
9 188/73.45
8 188/1.11L
7 188/72.6
7 188/73.39
6 188/196BA
6 188/196D
6 303/20
5 188/158
5 188/18A
5 188/250B
5 188/72.4
5 188/72.8
5 188/73.43
5 340/454
4 188/1.11W
4 188/106F
4 188/162
4 188/71.1

4 188/71.7
4 188/73.1
4 188/73.47
3 188/1.11R
3 188/170
3 188/196M
3 188/196R
3 188/218XL
3 188/344
3 188/370
3 188/73.31
3 188/73.34
3 188/73.35
3 188/73.36
3 188/73.46
3 303/112
3 303/3
2 29/239
2 29/256
2 29/266
2 56/11.3
2 73/121
2 74/424.71
2 74/574
2 188/196V
2 188/205A
2 188/234
2 188/24.21
2 188/244
2 188/250E
2 188/26
2 188/264G
2 188/71.5
2 188/72.5
2 188/73.2
2 188/73.41
2 188/73.44
2 192/107R
2 192/111A
2 192/70.13
2 264/138
2 264/263
2 264/294
2 303/152
2 369/44.28
2 411/544

10672808_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10672808 on July 09, 2004

- 19 188/73.38 (13 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.37 ...Having means to prevent vibration of brake
 element
 188/73.38Spring
- 16 188/71.8 (12 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.7 ..With means to adjust for wear of brake
 188/71.8 ...Self-adjusting means
- 14 188/71.9 (10 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.7 ..With means to adjust for wear of brake
 188/71.8 ...Self-adjusting means
 188/71.9Including unidirectionally rotating screw
- 11 188/196P (0 OR, 11 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196P ..Friction
- 11 188/72.7 (3 OR, 8 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.7 ...By inclined surface (e.g., wedge, cam or
 screw)
- 10 188/250G (0 OR, 10 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/250G ..Surfaces and fasteners
- 10 188/72.9 (3 OR, 7 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element

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- 188/72.9 ...By pivoted lever
- 10 188/73.37 (3 OR, 7 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.37 ...Having means to prevent vibration of brake
 element
- 9 188/72.3 (3 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.3 ...And means for retracting brake element
- 9 188/73.32 (6 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.32 ...Having means to facilitate changing brake
 element
- 9 188/73.45 (2 OR, 7 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane
 parallel to axis of rotation of wheel
 188/73.44 On axially extending pin
 188/73.45 Plural pins
- 8 188/1.11L (4 OR, 4 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11W .Wear
 188/1.11L ..Electrical
- 7 188/72.6 (2 OR, 5 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.6 And/or mechanical linkage
- 7 188/73.39 (3 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor

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- 188/73.31 ..Retainer for brake element
 188/73.39 ...Including torque member supporting brake
 element
- 6 188/196BA (0 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196B ..Ratchet
 188/196BA ...Rotatable
- 6 188/196D (0 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196D ..Frictional rotation
- 6 303/20 (1 OR, 5 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/20 ELECTRIC CONTROL
- 5 188/158 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
- 5 188/18A (4 OR, 1 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/17 .Hub or disk
 188/18R ..Motor vehicle
 188/18A ...Disc brakes
- 5 188/250B (2 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/250B ..Shoe construction
- 5 188/72.4 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
- 5 188/72.8 (2 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.7 ...By inclined surface (e.g., wedge, cam or
 screw)
 188/72.8 Screw or helical cam
- 5 188/73.43 (1 OR, 4 XR)
 Class 188 : BRAKES

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- 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane
 parallel to axis of rotation of wheel
- 5 340/454 (0 OR, 5 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 340/438 .Internal alarm or indicator responsive to a
 condition of the vehicle
 340/453 ..Brake or clutch condition
 340/454 ...Wear
- 4 188/1.11W (4 OR, 0 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11W .Wear
- 4 188/106F (0 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106F ...Fluid and mechanical
- 4 188/162 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
 188/161 ..Electromagnet
 188/162 ...Rotary motor
- 4 188/71.1 (0 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
- 4 188/71.7 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.7 ..With means to adjust for wear of brake
- 4 188/73.1 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.1 ..Structure of brake element
- 4 188/73.47 (0 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor

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- 188/73.31 ..Retainer for brake element
- 188/73.47 ...Having closed loop type housing

- 3 188/1.11R (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/1.11R WITH CONDITION INDICATOR

- 3 188/170 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/166 .Spring
 - 188/170 ..Fluid-pressure release

- 3 188/196M (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack
 - 188/196M ..Manual

- 3 188/196R (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack

- 3 188/218XL (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/218R .Brake wheels
 - 188/218XL ..Disk type

- 3 188/344 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/151R .Fluid pressure
 - 188/152 ..Road vehicle
 - 188/344 ...Velocipede

- 3 188/370 (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/151R .Fluid pressure
 - 188/152 ..Road vehicle
 - 188/361 ...Wheel brake operating assembly
 - 188/369With axially movable brake member
 - 188/370Spot type

- 3 188/73.31 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element

- 3 188/73.34 (3 OR, 0 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element

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- 188/73.32 ...Having means to facilitate changing brake element
- 188/73.33By manipulation of brake actuator
- 188/73.34Pivotable actuator

- 3 188/73.35 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.35 ...Having actuator and means to prevent vibration thereof

- 3 188/73.36 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.35 ...Having actuator and means to prevent vibration thereof
 - 188/73.36Including means to prevent vibration of brake element

- 3 188/73.46 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.46 ...Including actuator fixed on torque member

- 3 303/112 (1 OR, 2 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/121 SPEED-CONTROLLED
 - 303/112 .Torque sensing

- 3 303/3 (1 OR, 2 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/2 MULTIPLE SYSTEMS
 - 303/3 .Fluid pressure and electric

- 2 29/239 (1 OR, 1 XR)
 - Class 029 : METAL WORKING
 - 29/700 MEANS TO ASSEMBLE OR DISASSEMBLE
 - 29/239 .Spreading parts apart or separating them from face to face engagement

- 2 29/256 (1 OR, 1 XR)
 - Class 029 : METAL WORKING
 - 29/700 MEANS TO ASSEMBLE OR DISASSEMBLE
 - 29/244 .Puller or pusher means, contained force multiplying operator
 - 29/256 ..Having screw operator

- 2 29/266 (0 OR, 2 XR)
 - Class 029 : METAL WORKING
 - 29/700 MEANS TO ASSEMBLE OR DISASSEMBLE

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- 29/244 .Puller or pusher means, contained force
multiplying operator
- 29/256 ..Having screw operator
- 29/258 ...Central screw, work-engagers around screw
- 29/266Plate or bar forms work-engager
- 2 56/11.3 (1 OR, 1 XR)
Class 056 : HARVESTERS
56/10.1 MOTORIZED HARVESTER
56/10.8 .With selective control of drive means
56/11.3 ..By brake and disengageable drive (e.g.,
clutch)
- 2 73/121 (1 OR, 1 XR)
Class 073 : MEASURING AND TESTING
73/121 BRAKE TESTING
- 2 74/424.71 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/640 GEARING
74/412R .Directly cooperating gears
74/424.5 ..Spiral
74/424.71 ...Screw and nut
- 2 74/574 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/469 CONTROL LEVER AND LINKAGE SYSTEMS
74/572 .Flywheels and rotors
74/574 ..With vibration damping means
- 2 188/196V (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/196R .Slack
188/196V ..Screw, shim or cam
- 2 188/205A (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/205R .Supports
188/205A ..Antirattler
- 2 188/234 (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/234 .Shoe fasteners
- 2 188/24.21 (2 OR, 0 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/24.11 .Velocipede (e.g., bicycle, etc.)
188/24.12 ..Including mechanism for opposed gripping of
wheel rim or tire
188/24.21 ...Having center-pull, cable-type actuator for
mechanism
- 2 188/244 (1 OR, 1 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER

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- 188/234 .Shoe fasteners
 - 188/242 ..Interlocking heads and shoes
 - 188/244 ...Longitudinal insertion
- 2 188/250E (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/250R .Shoes
 - 188/250E ..Slotted shoes and vibration dampers
- 2 188/26 (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/24.11 .Velocipede (e.g., bicycle, etc.)
 - 188/26 ..Hub or disk
- 2 188/264G (2 OR, 0 XR)
- Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/264R .Cooling and lubricating
 - 188/264G ..Insulators
- 2 188/71.5 (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/71.5 ..Plural rotating elements (e.g., "multidisc")
- 2 188/72.5 (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.4 ...By fluid pressure piston
 - 188/72.5Piston for each of plural elements
- 2 188/73.2 (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/73.1 ..Structure of brake element
 - 188/73.2 ...Circumferential or circumferentially spaced
- 2 188/73.41 (0 OR, 2 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.41 ...Including actuator pivotable in plane
parallel to axis of rotation of wheel
- 2 188/73.44 (0 OR, 2 XR)
- Class 188 : BRAKES

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- 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane parallel to axis of rotation of wheel
 188/73.44On axially extending pin
- 2 192/107R (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/107R .Engaging surfaces
- 2 192/111A (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/111R .Wear compensators
 192/111A ..Automatic wear compensators
- 2 192/70.13 (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/66.1 .Axially engaging
 192/70.11 ..Interposed, mating clutch-elements
 192/70.13 ...With removable or replaceable or interchangeable clutch parts
- 2 264/138 (2 OR, 0 XR)
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES
 264/138 WITH SEVERING, REMOVING MATERIAL FROM PREFORM MECHANICALLY, OR MECHANICALLY SUBDIVIDING WORKPIECE
- 2 264/263 (0 OR, 2 XR)
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES
 264/239 MECHANICAL SHAPING OR MOLDING TO FORM OR REFORM SHAPED ARTICLE
 264/241 .To produce composite, plural part or multilayered article
 264/259 ..Shaping material and uniting to a preform
 264/263 ...To unite independent contacting preforms
- 2 264/294 (0 OR, 2 XR)
 Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES
 264/239 MECHANICAL SHAPING OR MOLDING TO FORM OR REFORM SHAPED ARTICLE
 264/294 .Plural sequential shaping or molding steps on same workpiece
- 2 303/152 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/152 .Regenerative brakes
- 2 369/44.28 (1 OR, 1 XR)
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
 369/43 WITH SERVO POSITIONING OF TRANSDUCER ASSEMBLY

10672808_CLSTITLES
OVER TRACK COMBINED WITH INFORMATION SIGNAL PROCESSING

369/44.11 .Optical servo system
369/44.27 ..Initialization/start-up or changing modes of
 system
369/44.28 ...While track jumping or crossing

2 411/544 (0 OR, 2 XR)
Class 411 : EXPANDED, THREADED, DRIVEN, HEADED,
 TOOL-DEFORMED, OR LOCKED-THREADED FASTENER
411/531 WASHER STRUCTURE
411/544 .Axially resilient

East 7/22/04

L Number	Hits	Search Text	DB	Time stamp
1	0	("coefficientwithpadwithbrak\$4withestimat\$4").PN.	USPAT; US-PGPUB	2004/07/22 09:26
2	7	coefficient with pad with brak\$4 with estimat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:30
3	3919	position\$4 near3 (sensor or sensing) with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:32
4	0	position\$4 near3 (sensor or sensing) with brak\$4 same (self adj energiz\$4 or selfenergiz\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:34
5	0	position\$4 near3 (sensor or sensing) with brak\$4 same (self adj energiz\$7 or selfenergiz\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:35
6	7	electromechanical adj brak\$4 same (self adj energiz\$7 or selfenergiz\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:36
-	0	Nilsson.in. and Nockhammar.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:26
-	4985	Nilsson.in. or Nockhammar.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:09
-	102	(Nilsson.in. or Nockhammar.in.) and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:15

-	150	("4550815" "6040665" "5532988" "4621713" "4842102" "6270172" "6425643" "5366280" "4543077" "5655995" "5714946" "5975656" "6129184" "4824260" "5372221" "5685193" "5343782" "5321676" "6105737" "4820946" "4896016" "6637262" "4306636" "4428463" "5226510" "5601163" "4354581" "4378863" "4406352" "4460067" "4498559" "4571944" "4602703" "4903391" "5178235" "5255874" "5575755" "5615754" "5829555" "5934416" "6238011" "6247560" "3570631" "3880261" "4050548" "4174769" "4261443" "4269290" "4274513" "4274511").pn. ("4276964" "4280594" "4284176" "4289217" "4288899" "4290508" "4290256" "4296844" "4299311" "4301895" "4305484" "4311216" "4313527" "4323143" "4342382" "4343382" "4352414" "4371061" "4375875" "4375842" "4376396" "4381047"	USPAT; US-PGPUB	2004/07/22 08:19
Search History 7/22/04 9:51:49 AM Page 2 C:\APPS\least\workspaces\10672808.wsp				

	150	("4550815" "6040665" "5532988" "4621713" "4842102" "6270172" "6425643" "5366280" "4543077" "5655995" "5714946" "5975656" "6129184" "4824260" "5372221" "5685193" "5343782" "5321676" "6105737" "4820946" "4896016" "6637262" "4306636" "4428463" "5226510" "5601163" "4354581" "4378863" "4406352" "4460067" "4498559" "4571944" "4602703" "4903391" "5178235" "5255874" "5575755" "5615754" "5829555" "5934416" "6238011" "6247560" "3570631" "3880261" "4050548" "4174769" "4261443" "4269290" "4274513" "4274511").pn. ("4276964" "4280594" "4284176" "4289217" "4288899" "4290508" "4290256" "4296844" "4299311" "4301895" "4305484" "4311216" "4313527" "4323143" "4342382" "4343382" "4352414" "4371061" "4375875" "4375842" "4376396" "4381047"	USPAT; US-PGPUB	2004/07/22 08:21
Search History 7/22/04 9:51:19 AM Page 3				
C:\APPS\least\workspaces\10672808.wsp				

-	10	73/121.ccls. and brak\$4 with caliper	USPAT; US-PGPUB	2004/07/22 08:32
-	0	brak\$4 with caliper same current adj position\$3 with signal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:34
-	5	US-4653614-\$.DID. OR US-4852699-\$.DID. OR US-4946007-\$.DID. OR US-4974704-\$.DID. OR US-5012901-\$.DID.	USPAT; US-PGPUB	2004/07/22 08:36
-	10	US-4653614-\$.DID. OR US-4852699-\$.DID. OR US-4946007-\$.DID. OR US-4974704-\$.DID. OR US-5012901-\$.DID. US-5788023-\$.DID. OR US-5829557-\$.DID. OR US-6209966-\$.DID. OR US-6354671-\$.DID. OR US-6318513-\$.DID.	USPAT; US-PGPUB	2004/07/22 08:36
-	5	(("3651897") or ("5915504") or ("5529150") or ("4022299") or ("4228875")).PN.	USPAT; US-PGPUB	2004/07/22 08:43
-	5	(US-5915504-\$ or US-5529150-\$ or US-4228875-\$ or US-4022299-\$ or US-3651897-\$).did.	USPAT	2004/07/22 08:44
-	10	("4784244" "4805740" "4809823" "4852699" "5137126" "5598144" "5706918" "5823636" "5831530" "6037869").PN.	USPAT	2004/07/22 08:44
-	6	6318513.URPN.	USPAT	2004/07/22 08:46
-	0	6752247.URPN.	USPAT	2004/07/22 08:50
-	5	("3662864" "4784244" "4809823" "4852699" "6318513").PN.	USPAT	2004/07/22 08:50
-	26	5957246.URPN.	USPAT	2004/07/22 08:52
-	6	(US-6425643-\$ or US-6270172-\$ or US-6238011-\$ or US-6040665-\$ or US-5957246-\$ or US-6662906-\$).did.	USPAT	2004/07/22 08:56

L Number	Hits	Search Text	DB	Time stamp
3	311	sensor with position\$4 same (electric adj motor or electromechanical\$4 adj brak\$4) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 11:24
5	110	(sensor with position\$4 same (electric adj motor or electromechanical\$4 adj brak\$4) same brak\$4) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 11:27
6	110	(brak\$4 with sensor with position\$4 with (electric adj motor or electromechanical adj brake) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.)) or ((sensor with position\$4 same (electric adj motor or electromechanical\$4 adj brak\$4) same brak\$4) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 11:29
4	56	brak\$4 with sensor with position\$4 with (electric adj motor or electromechanical adj brake) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 11:28
7	54	((brak\$4 with sensor with position\$4 with (electric adj motor or electromechanical adj brake) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.)) or ((sensor with position\$4 same (electric adj motor or electromechanical\$4 adj brak\$4) same brak\$4) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.))) not (brak\$4 with sensor with position\$4 with (electric adj motor or electromechanical adj brake) and (303/\$.ccls. or 188/\$.ccls. or b60t\$.ipc. or f16d\$.ipc.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 11:29
-	0	Nilsson.in. and Nockhammar.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:26
-	4985	Nilsson.in. or Nockhammar.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:09
-	102	(Nilsson.in. or Nockhammar.in.) and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:15

-	150	("4550815" "6040665" "5532988" "4621713" "4842102" "6270172" "6425643" "5366280" "4543077" "5655995" "5714946" "5975656" "6129184" "4824260" "5372221" "5685193" "5343782" "5321676" "6105737" "4820946" "4896016" "6637262" "4306636" "4428463" "5226510" "5601163" "4354581" "4378863" "4406352" "4460067" "4498559" "4571944" "4602703" "4903391" "5178235" "5255874" "5575755" "5615754" "5829555" "5934416" "6238011" "6247560" "3570631" "3880261" "4050548" "4174769" "4261443" "4269290" "4274513" "4274511").pn. ("4276964" "4280594" "4284176" "4289217" "4288899" "4290508" "4290256" "4296844" "4299311" "4301895" "4305484" "4311216" "4313527" "4323143" "4342382" "4343382" "4352414" "4371061" "4376396" "4381047"	USPAT; US-PGPUB	2004/07/22 08:19
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-	150	("4550815" "6040665" "5532988" "4621713" "4842102" "6270172" "6425643" "5366280" "4543077" "5655995" "5714946" "5975656" "6129184" "4824260" "5372221" "5685193" "5343782" "5321676" "6105737" "4820946" "4896016" "6637262" "4306636" "4428463" "5226510" "5601163" "4354581" "4378863" "4406352" "4460067" "4498559" "4571944" "4602703" "4903391" "5178235" "5255874" "5575755" "5615754" "5829555" "5934416" "6238011" "6247560" "3570631" "3880261" "4050548" "4174769" "4261443" "4269290" "4274513" "4274511").pn. ("4276964" "4280594" "4284176" "4289217" "4288899" "4290508" "4290256" "4296844" "4299311" "4301895" "4305484" "4311216" "4313527" "4323143" "4342382" "4343382" "4352414" "4371061" "4375875" "4375942" "4376396" "4381047"	USPAT; US-PGPUB	2004/07/22 08:21
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-	10	73/121.ccls. and brak\$4 with caliper	USPAT; US-PGPUB	2004/07/22 08:32
-	0	brak\$4 with caliper same current adj position\$3 with signal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 08:34
-	5	US-4653614-\$.DID. OR US-4852699-\$.DID. OR US-4946007-\$.DID. OR US-4974704-\$.DID. OR US-5012901-\$.DID.	USPAT; US-PGPUB	2004/07/22 08:36
-	10	US-4653614-\$.DID. OR US-4852699-\$.DID. OR US-4946007-\$.DID. OR US-4974704-\$.DID. OR US-5012901-\$.DID. US-5788023-\$.DID. OR US-5829557-\$.DID. OR US-6209966-\$.DID. OR US-6354671-\$.DID. OR US-6318513-\$.DID.	USPAT; US-PGPUB	2004/07/22 08:36
-	5	("3651897") or ("5915504") or ("5529150") or ("4022299") or ("4228875").PN.	USPAT; US-PGPUB	2004/07/22 08:43
-	5	(US-5915504-\$ or US-5529150-\$ or US-4228875-\$ or US-4022299-\$ or US-3651897-\$).did.	USPAT	2004/07/22 08:44
-	10	("4784244" "4805740" "4809823" "4852699" "5137126" "5598144" "5706918" "5823636" "5831530" "6037869").PN.	USPAT	2004/07/22 08:44
-	6	6318513.URPN.	USPAT	2004/07/22 08:46
-	0	6752247.URPN.	USPAT	2004/07/22 08:50
-	5	("3662864" "4784244" "4809823" "4852699" "6318513").PN.	USPAT	2004/07/22 08:50
-	26	5957246.URPN.	USPAT	2004/07/22 08:52
-	6	(US-6425643-\$ or US-6270172-\$ or US-6238011-\$ or US-6040665-\$ or US-5957246-\$ or US-6662906-\$).did.	USPAT	2004/07/22 08:56
-	0	("coefficientwithpadwithbrak\$4withestimat\$4").PN.	USPAT; US-PGPUB	2004/07/22 09:26
-	7	coefficient with pad with brak\$4 with estimat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:30
-	3919	position\$4 near3 (sensor or sensing) with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:32
-	0	position\$4 near3 (sensor or sensing) with brak\$4 same (self adj energiz\$4 or selfenergiz\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:34
-	0	position\$4 near3 (sensor or sensing) with brak\$4 same (self adj energiz\$7 or selfenergiz\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 09:35
-	7	electromechanical adj brak\$4 same (self adj energiz\$7 or selfenergiz\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:10
-	0	188/1.11\$.ccls. and electromechanical adj sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:12
-	0	188/1.11\$.ccls. and electromechanical adj sensor same position\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:14
-	180	188/1.11\$.ccls. and sensor same position\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:15
-	17	188/1.11\$.ccls. and sensor same position\$4 and electromechanical\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:18
-	11073	sensor same position\$4 and electromechanical\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:18

-	2160	sensor same position\$4 same electromechanical\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:20
-	1	sensor with position\$4 same (electric adj motor or electromechanical\$4 adj brak\$4) same brak\$4 and (selfenergiz\$6 or self adj energiz\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/22 10:46